

CCC AP65
TEST REPORT



Project : Quality Assurance
Location : Production Stock
Client : Road Metals Company Limited
Contractor : Various
Sampled by : David Ohs (Road Metals)
Date sampled : 14 April 2025
Sampling method : NZS 4407: 2015 (2.4.6.3.2)
Sample description : CCC AP65
Sample condition : Damp as received
Source : Waimakariri River Quarry

Project No : 6-JRMCO.16/6LC
Lab Ref No : CH12695
Client Ref No : Chris Newcombe

Particle Size Distribution			
Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit - Coarse	Upper Limit - Fine
63.0	100	100	100
37.5	85	60	90
19.0	57	45	65
9.5	42	30	50
4.75	30	20	40
2.36	21	10	28
1.18	16	7	22
0.600	14	5	16
0.300	10	4	12
0.150	5	3	8
0.075	3	3	6

% passing the finest sieve is obtained by difference

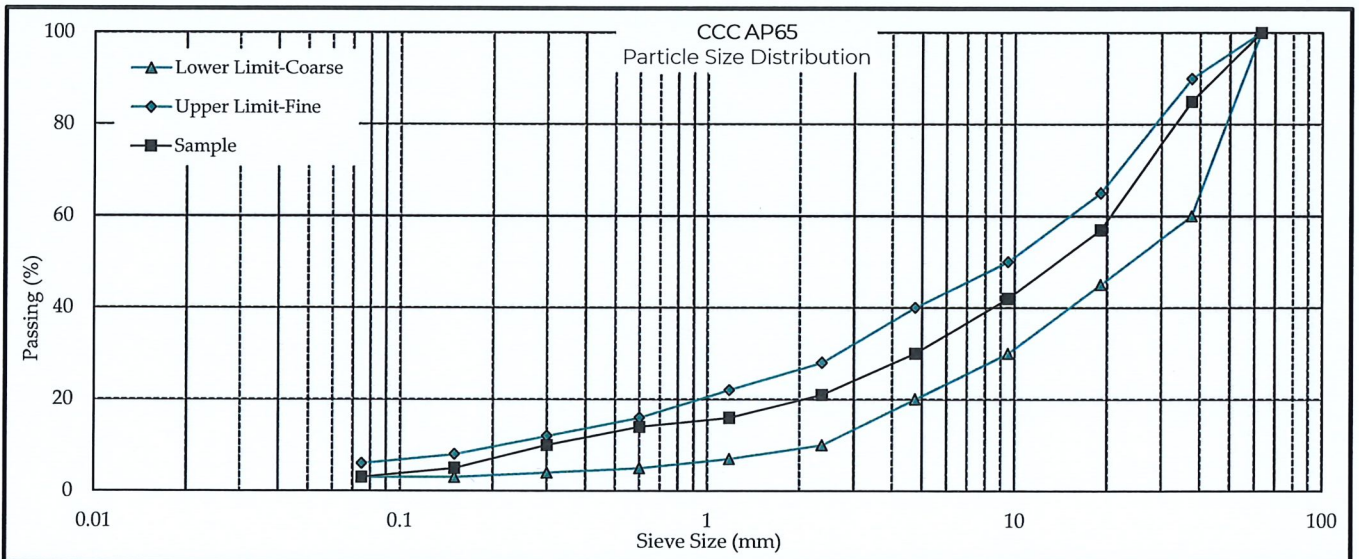
Crushing Resistance		
% Fines @ Spec. Load	-	%
Specification	-	%
Crushing Resistance	-	kN
Nom Aggregate Size	-	mm
Specified Load	-	kN

Broken Faces Content of Aggregate		
Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
65.0 - 37.5	-	
37.5 - 19.0	-	
19.0 - 9.5	-	
9.5 - 4.75	-	

Plasticity Index	
Sample PI	-
Specification	

Clay Index	
Sample CI	-
Specification	

Sand Equivalent (Washed, Mechanical Shaking)	
Sample SE	-
Specified	



Test Methods	
Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1

Date tested : 6 May 2025
Date reported : 21 May 2025
Sampling is covered by IANZ Accreditation
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Approved Signatory 
Designation : Laboratory Manager
Date : 21 May 2025



Test results indicated as not accredited are outside the scope of the laboratory's accreditation

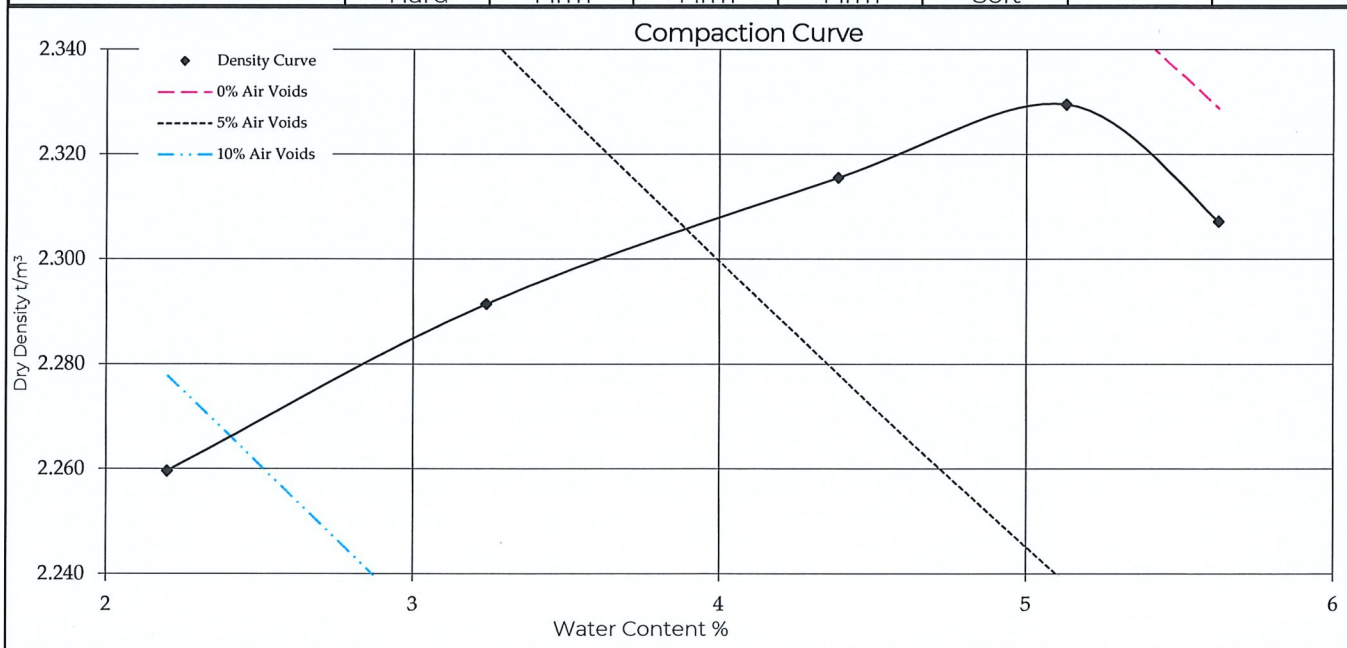
DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION



Project : Quality Assurance
Location : Production Stock
Client : Road Metals Company Limited
Contractor : Various
Sampled by : David Ohs (Road Metals)
Date sampled : 14 April 2025
Sampling method : NZS 4407: 2015 (2.4.6.3.2)
Sample description : CCC AP65
Sample condition : Damp as received
Solid density : 2.68 t/m³ (Assumed)
Source : Waimakariri River Quarry

Project No : 6-JRMCO.16/6LC
Lab Ref No : CH12695
Client Ref No : Chris Newcombe

Test Results							
Maximum dry density	2.32	t/m³	Natural water content			-	%
Optimum water content	5.2	%	Fraction tested			Passing 37.5mm	
Sample ID	+1%	+2%	+3%	+4%	+5%		
Bulk density t/m³	2.309	2.366	2.417	2.449	2.437		
Water content %	2.2	3.2	4.4	5.1	5.6		
Dry density t/m³	2.260	2.291	2.316	2.330	2.307		
Sample condition	Moist Hard	Wet Firm	Wet Firm	Wet Firm	Saturated Soft		



Test Methods	Notes
Compaction NZS 4402 : 1986 : Test 4.1.3	

Date tested : 7 May 2025
Date reported : 23 May 2025

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Approved Signatory

Designation : Laboratory Manager
Date : 23 May 2025



All tests reported herein
have been performed in
accordance with the
laboratory's scope of
accreditation